

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--|------------------|---------|------------------|
| S227 | 145 | S226 and (transducer speaker loudspeaker) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 16:03 |
| S226 | 1582 | (anthony same hooley).in. or (paul same trougton).in. or (david same richards).in. or (david same turner).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 16:03 |
| S225 | 38 | ("1" and limited).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 16:01 |
| S222 | 18 | S221 and beam | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 14:47 |
| S220 | 52 | S219 and (surround \$3 near5 sound) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 13:01 |
| S218 | 114 | S217 and reflect\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 13:00 |
| S216 | 389 | (beam same (speaker loudspeaker)) same reflec\$3 same (microphone sens\$3 transducer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 12:59 |
| S215 | 1002 | (beam same (speaker loudspeaker)) same reflec\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 12:58 |
| S214 | 5348 | (beam same (speaker loudspeaker)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/15 12:57 |
| S213 | 39 | (vertical same lateral same beam) same (speaker loudspeaker) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 12:56 |
| S211 | 502 | 381/182.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 12:15 |

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| S210 | 373 | 381/91.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 12:06 |
| S208 | 175 | 381/116.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 12:01 |
| S207 | 254 | 381/150.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 11:47 |
| S205 | 101 | 381/303.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 11:24 |
| S204 | 446 | 381/59.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 11:12 |
| S203 | 696 | 381/58.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/15 10:49 |
| S192 | 147 | S182 and S189 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 16:41 |
| S190 | 9 | S182 same S189 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 16:36 |
| S189 | 8123 | (microphone transducer sens\$3) same (reflect\$3 near15 (wall floor ceiling)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 16:36 |
| S188 | 103 | S183 and S185 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 16:22 |
| S187 | 7 | S182 same S185 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 16:21 |
| S186 | 56 | S184 same4 S185 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 15:10 |
| S185 | 7341 | (microphone transducer sens\$3) same (reflect\$3 near15 wall) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 15:10 |
| S184 | 111 | S179 same4 S182 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 15:09 |
| S183 | 188 | S179 and S182 | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 15:08 |
| S182 | 10900 | (set\$4up or (set\$3 adj2 up) or configuration configur \$3) near10 (louspeaker speaker) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 15:08 |
| S179 | 1003 | (louspeaker speaker) same4 (microphone transducer sens\$3) same4 (reflect\$3 near15 wall) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/14 14:30 |

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| S162 | 12 | S160 and (reflect\$3 near15 wall) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 15:12 |
| S161 | 2 | S160 same (reflect\$3 near15 wall) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 15:11 |
| S160 | 269 | ((set\$4up or (set\$3 adj2 up)) near10 (louspeaker speaker)) same microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 15:10 |
| S159 | 22 | S155 and (sens\$3 transducer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 15:06 |
| S158 | 9 | S155 same (sens\$3 transducer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 15:05 |
| S157 | 12 | S155 and microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 14:57 |
| S156 | 2 | S155 same microphone | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 14:50 |
| S155 | 53 | sound near4 project \$3 near10 reflect\$3 near15 wall | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 13:58 |
| S153 | 24 | S152 and room | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 13:50 |
| S152 | 48 | S150 and S151 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 13:35 |

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| S151 | 381 | sound near4 project \$3 near10 reflect\$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 13:35 |
| S150 | 1519 | S148 and ((loudspeaker speaker)) and microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:34 |
| S149 | 1 | S145 and ((loudspeaker speaker)) and microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:34 |
| S148 | 9555 | sound near4 project \$3 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 13:33 |
| S147 | 1 | S145 and microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:30 |
| S146 | 0 | S145 and ((louspeaker speaker)) and microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:28 |
| S145 | 38 | ("1" and limited).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/04/12 13:27 |
| S144 | 195825 | (S140 and limited). as. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:26 |
| S143 | 195825 | S140 and limited.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:26 |
| S142 | 35 | S141 and ((louspeaker speaker) same microphone) and microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:25 |
| S141 | 2295 | (track\$3 near10 (reflect\$3 near4 surfac\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:25 |
| S140 | 195825 | limited.as. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/04/12 13:18 |
| S139 | 35 | S138 and ((louspeaker speaker) same microphone) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:54 |
| S138 | 2290 | (track\$3 near10 (reflect\$3 near4 surfac\$3)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:54 |

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| S137 | 37 | ("1" and limited).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2010/03/26 10:44 |
| S136 | 95 | S135 and (speaker loudspeaker or (sound adj projector)) | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:39 |
| S135 | 1571 | (anthony same hooley).in. or (paul same troughton).in. or (david same richards).in. or (david same turner). in. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:38 |
| S134 | 711 | 381/1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:25 |
| S133 | 293 | 381/300.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:22 |
| S132 | 220 | 381/307.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:18 |
| S131 | 626 | 381/56.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2010/03/26 10:12 |
| S90 | 283 | S89 not S88 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 16:27 |
| S89 | 414 | (steer\$3 direct\$3 directivity) near15 (beam near5 (audio acoustic sound)) near15 (location position target) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 16:21 |
| S88 | 222 | (steer\$3 direct\$3 directivity) near15 beam near15 (audio acoustic sound) near15 ((desired near4 direction) target) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/07 14:02 |
| S87 | 52 | S83 or S84 or S85 or S86 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 13:22 |
| S86 | 15 | (david same christopher same turner).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 13:22 |
| S85 | 5 | (david same charles same william same richards).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 13:22 |
| S84 | 7 | (paul same troughton).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 13:22 |

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| S83 | 35 | (anthony same hooley).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 13:22 |
| S82 | 248 | S77 not S78 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:53 |
| S81 | 74 | S75 and S79 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:47 |
| S80 | 22 | S75 same S79 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:46 |
| S79 | 2125 | S72 same S76 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:46 |
| S78 | 236 | S75 same S76 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:39 |
| S77 | 484 | S75 same4 S76 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:39 |
| S76 | 2817585 | reflect\$3 revers\$4 reverberat\$3 echo\$4 resona\$4 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:38 |
| S75 | 1144 | S70 same S74 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:28 |
| S74 | 173547 | (omni\$1direction\$3 near3 microphone) or microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:27 |
| S73 | 48 | S71 and S72 and S70 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:25 |
| S72 | 5760 | ((audio sound) near5 beam) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:25 |
| S71 | 1292 | omni\$1direction\$3 near3 microphone | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:25 |
| S70 | 25865 | ((array\$3 beam\$3) near5 (transducer speaker loudspeaker)) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:24 |
| S69 | 92 | S68 same4 S66 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:04 |
| S68 | 1867 | Sound adj Project\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:04 |
| S67 | 16 | S65 same4 S66 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:03 |
| S66 | 5694 | surround\$3 adj2 sound\$3 | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:03 |
| S65 | 514 | Sound adj Projector | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 12:03 |
| S64 | 34 | ("1" and limited).as. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2009/08/07 11:52 |

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| S63 | 127 | S62 and (transducer speaker loudspeaker) | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 11:37 |
| S62 | 1481 | (anthony same hooley).in. or (paul sameroughton).in. or (david same richards).in. or (david same turner).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 11:36 |
| S61 | 687 | 381/1.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 11:16 |
| S60 | 275 | 381/300.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 11:10 |
| S59 | 212 | 381/307.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 10:59 |
| S58 | 589 | 381/56.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2009/08/07 10:50 |
| S53 | 50 | S46 or S47 or S49 or S52 | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:20 |
| S52 | 15 | (david same christopher same turner).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:19 |
| S51 | 335 | (david same turner).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:18 |
| S49 | 5 | (david same charles same william same richards).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:16 |
| S48 | 4934 | ((david charles william) same richards).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:14 |
| S47 | 5 | (paul sameroughton).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:13 |
| S46 | 33 | (anthony same hooley).in. | US-PGPUB; USPAT; USOCR | OR | ON | 2008/09/12 15:12 |

EAST Search History (I nterference)

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